

# THE 6TH TOYOTA RIKEN INTERNATIONAL WORKSHOP 1ST CIRCULAR



## **New Trends in Solid State Chemistry: from Oxides to Mixed Anion Compounds**

**November 10 – 12, 2017**

**Toyota Commemorative Museum of Industry and Technology**

**organized by Toyota Physical and Chemical Research Institute**

<http://www.mixed-anion.toyotariken.jp/>

The quest for new materials is never-ending, and the development of inorganic materials in particular promises to make possible new technologies that solve many contemporary problems. Bringing together leading solid-state chemists from a wide range of subfields to discuss their latest findings is a vital step in sewing the seeds of new discoveries and ensuring that progress is made in as timely a fashion as possible.

This meeting aims to foster such developments by focusing on new trends in inorganic materials research, from mono-anionic systems such as oxides and nitrides to mixed anion systems such as oxynitrides, oxyfluorides, and oxyhydrides. The range of properties exhibited by these materials, as well as their uses, is vast, encompassing magnetism, superconductivity, energy storage, catalysis, sensing and so on, and this will be reflected in the variety of topics covered by the symposium. Importantly, the meeting will also serve as a forum for discussing future directions for inorganic materials research.

### **Chairpersons**

Yutaka Ueda (Toyota Physical and Chemical Research Institute)  
Hiroshi Kageyama (Graduate School of Engineering, Kyoto University)

co-organized by

## Invited Speakers

Kenneth Poeppelmeier	(Northwestern University, USA)
James Neilson	(Colorado State University, USA)
Peter V. Sushko	(Pacific Northwest National Laboratory, USA)
Andrew Goodwin	(University of Oxford, UK)
Robert J. Cava	(Princeton University, USA)
Artem Abakumov	(Skolkovo Institute of Science and Technology, Russia)
Miguel Á. Alario-Franco	(Complutense University of Madrid, Spain)
Chris Pickard	(University of Cambridge, UK)
Fumiyasu Oba	(Tokyo Institute of Technology, Japan)
Zenji Hiroi	(The University of Tokyo, Japan)
Hidenori Takagi	(The University of Tokyo, Japan)
Kazuhiko Maeda	(Tokyo Institute of Technology, Japan)

## Program

11/10 (Fri.)	10:30 ~ 17:20	Invited and Contributed talks
	17:30 ~	Welcome party
11/11 (Sat.)	9:00 ~ 15:40	Invited and Contributed talks
	16:00 ~ 18:00	Poster session
	18:30 ~	Banquet
11/12 (Sun.)	9:00 ~ 13:50	Invited and Contributed talks
	14:30 ~ 16:00	Excursion (Museum Tour)

## Call for Poster Papers

### **Abstract**

We accept application for poster presentation. The poster size is **A0 (width 841mm × height 1189 mm)**. Abstracts should be submitted as 1 page PDF file. It will be printed in A4 size (The abstract sample can be found in “Registration and Abstract” in <http://www.mixed-anion.toyotariken.jp/>). Color format is acceptable. Abstract need to be submitted via e-mail (see the detail in “**Registration**” below), and the abstract file should be less than 20 MB .

### **Registration**

Registration fee is **free of charge**. To be registered as an attendee, please send a list of the following information to [mixed-anion@jfcc.or.jp](mailto:mixed-anion@jfcc.or.jp)

[Name]

[Affiliation]

[Poster presentation]: Yes or No (If Yes, please send your abstract PDF file together.)

[Student]: Yes or No

[Get-together party (3000JPY or 1500JPY for student)]: Yes or No

[Banquet (4000JPY or 2000JPY for student)]: Yes or No

[Excursion (Museum guided tours) (free of charge)]: Yes or No

**Abstract deadline: September 11, 2017**

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### **Requests for Further Information**

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